

नवाबगंज, कानपुर - 208002, उ.प्र., भारत

HARCOURT BUTLER TECHNICAL UNIVERSITY

NAWABGANJ, KANPUR - 208002, U.P., INDIA

(Formerly Harcourt Butler Technological Institute, Kanpur)

Phone: +91-0512-2534001-5, 2533812, website: http://www.hbtu.ac.in, Email: vc@hbtu.ac.in





- 1.1.3 Average percentage of courses having focus on employability/entrepreneurship/skill development offered by the University
- ${\bf 1.1.3.1:}\ \ Number\ \ of\ \ courses\ \ having\ \ focus\ \ on\ \ employability/entrepreneurship/skill\ development\ year-wise\ during\ the\ year$

Department of Plastic Technology

Name of Course	Course Code	Year of Introducti on	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development*
Polymer Chemistry	TPL 251	2020-2021	Entrepreneurship, Skill development, Employability
Polymer Chemistry Lab	TPL 253	2020-2021	Entrepreneurship, Skill development, Employability
Polymerization Engineering I	TPL 252	2020-2021	Entrepreneurship, Skill development, Employability
Polymer Processing I	TPL 351	2020-2021	Entrepreneurship, Skill development, Employability
Rheology and Testing of Polymers	TPL 353	2020-2021	Entrepreneurship, Skill development, Employability
Polymer Testing Lab	TPL 355	2020-2021	Entrepreneurship, Skill development, Employability
Polymer Processing II	TPL 352	2020-2021	Entrepreneurship, Skill development, Employability
Structure & Property of Polymers	TPL 354	2020-2021	Entrepreneurship, Skill development, Employability
Polymerization Engineering II	TPL 356	2020-2021	Entrepreneurship, Skill development, Employability
Plastic Product and Mold Design	TPL 358	2020-2021	Entrepreneurship, Skill development, Employability
Polymer Composite	TPL 360	2020-2021	Entrepreneurship, Skill development, Employability
Advanced Polymer Materials	TPL 401	2020-2021	Entrepreneurship, Skill development, Employability
Programme Elective Course I	TPL 403/405	2020-2021	Entrepreneurship, Skill development, Employability
Plastic Product & Mould Design	TPL 403	2020-2021	Entrepreneurship, Skill development, Employability
Polymer Product Technology	TPL 405	2020-2021	Entrepreneurship, Skill development, Employability
Programme Elective Course II	TPL 407/409	2020-2021	Entrepreneurship, Skill development, Employability
Technology of Elastomers	TPL 407	2020-2021	Entrepreneurship, Skill development, Employability

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Technology of Fibers	TPL 409	2020-2021	Entrepreneurship, Skill development, Employability
Programme Elective Course III	TPL 411/413	2020-2021	Entrepreneurship, Skill development, Employability
Polymer Blends & Alloys	TPL 413	2020-2021	Entrepreneurship, Skill development, Employability
Introduction to Polymer Technology (Elective)	TPL 415	2020-2021	Entrepreneurship, Skill development, Employability
Educational Tour	TPL 417	2020-2021	Entrepreneurship, Skill development, Employability
Programme Elective Course V	TPL 402/404	2020-2021	Entrepreneurship, Skill development, Employability
Plastic Packaging & waste Management	TPL 402	2020-2021	Entrepreneurship, Skill development, Employability
Polymer Coating Technology	TPL 404	2020-2021	Entrepreneurship, Skill development, Employability
Programme Elective Course VI	TPL 406/408	2020-2021	Entrepreneurship, Skill development, Employability
Polymeric Adhesives & Foams	TPL 406	2020-2021	Entrepreneurship, Skill development, Employability
Polymer Nanocomposites	TPL 408	2020-2021	Entrepreneurship, Skill development, Employability
Rheology & Testing of Polymers	TPL 303	2019-2020	Entrepreneurship, Skill development, Employability
Structure & Property of Polymer	TPL 302	2019-2020	Entrepreneurship, Skill development, Employability
Fluid Flow & Unit operation	TCH 203	2018-2019	Entrepreneurship, Skill development, Employability
Equipment Design	CH-701	2018-2019	Entrepreneurship, Skill development, Employability
Polymeric Adhesives & Sealants	PL-703	2018-2019	Entrepreneurship, Skill development, Employability
Plastic Technology	Open Elective*	2018-2019	Entrepreneurship, Skill development, Employability
Polymer Characterization Lab	PL - 751	2018-2019	Entrepreneurship, Skill development, Employability
Industrial Training & Report Presentation	PL-752	2018-2019	Entrepreneurship, Skill development, Employability
Process Modeling and Simulation	CH-801	2018-2019	Entrepreneurship, Skill development, Employability
Polymer Composites	PL – 801	2018-2019	Entrepreneurship, Skill development, Employability
Plastics Packaging And Foam	PL-011 (Elective)	2018-2019	Entrepreneurship, Skill development, Employability
Plastic Waste Management	PL-012 (Elective)	2018-2019	Entrepreneurship, Skill development, Employability



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Fiber Technology	PL-013 (Elective)	2018-2019	Entrepreneurship, Skill development, Employability
Polymeric Coatings	PL-014 (Elective)	2018-2019	Entrepreneurship, Skill development, Employability
Polymer Testing Lab - I	PL – 551	2018-2019	Entrepreneurship, Skill development, Employability
Synthesis and Modification of Polymers and Resins Lab	PL-552	2018-2019	Entrepreneurship, Skill development, Employability
Chemical Engg Unit Operation Lab	CH-551	2018-2019	Entrepreneurship, Skill development, Employability
Polymer Processing - II	PL-602	2018-2019	Entrepreneurship, Skill development, Employability
Polymerization Engg - II	PL-603	2018-2019	Entrepreneurship, Skill development, Employability
Polymer Processing Lab	PL-651	2018-2019	Entrepreneurship, Skill development, Employability
Polymer Testing - II	PL-652	2018-2019	Entrepreneurship, Skill development, Employability
Analysis and Identification of Polymers	HPL-351	2018-2019	Entrepreneurship, Skill development, Employability
Fluid Flow and Solid Handling	НСН-406	2018-2019	Entrepreneurship, Skill development, Employability
Chemical Engg Thermodynamics	НСН-407	2018-2019	Entrepreneurship, Skill development, Employability
Instrumentation and Process Control	HCH-408	2018-2019	Entrepreneurship, Skill development, Employability
Polymerization Engineering - I	HPL – 401	2018-2019	Entrepreneurship, Skill development, Employability
Instrumentation and Process Control Lab	НСН-458	2018-2019	Entrepreneurship, Skill development, Employability
Synthesis of Polymers and Resins Lab	HPL – 451	2018-2019	Entrepreneurship, Skill development, Employability
Polymer Product Technology	TPL 457	2021-22	Entrepreneurship, Skill development, Employability
Polymer Nanocomposites	TPL 461	2021-22	Entrepreneurship, Skill development, Employability
Polymer Blends and Alloys	TPL 455	2021-22	Entrepreneurship, Skill development, Employability
Polymer Chemistry Lab	TPL 253	2021-22	Entrepreneurship, Skill development, Employability
Polymer Testing Lab	TPL 355	2021-22	Entrepreneurship, Skill development, Employability
Advanced Polymer Chemistry	TPL 551	2021-2022	Entrepreneurship, Skill development, Employability
Advanced Polymer Processing	TPL 553	2021-2022	Entrepreneurship, Skill development, Employability



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Advances in Modelling and Simulation of Chemical Processes	TPL 555	2021-2022	Entrepreneurship, Skill development, Employability
Advanced Chemical Reaction Engineering	TPL 557	2021-2022	Entrepreneurship, Skill development, Employability
Advanced Polymer Rheology	TPL 559	2021-2022	Entrepreneurship, Skill development, Employability
High Polymer Chemistry	TPL 561	2021-2022	Entrepreneurship, Skill development, Employability
Polymer Processing	TPL 563	2021-2022	Entrepreneurship, Skill development, Employability
Industrial Stoichiometery	TPL 567	2021-2022	Entrepreneurship, Skill development, Employability
Advanced Polymerization Engineering	TPL 552	2021-2022	Entrepreneurship, Skill development, Employability
Advanced Plastic Product and Mould Design	TPL 554	2021-2022	Entrepreneurship, Skill development, Employability
Polymer Testing and Characterization	TPL 556	2021-2022	Entrepreneurship, Skill development, Employability
Advances in Polymer Composites	TPL 558	2021-2022	Entrepreneurship, Skill development, Employability
Advances in Rubber Technology	TPL 560	2021-2022	Entrepreneurship, Skill development, Employability
Audit Course Critical review of research publication on one relevant Topic	TPL 562	2021-2022	Entrepreneurship, Skill development, Employability
Audit Course Research Methodology and IPR	TPL 564	2021-2022	Entrepreneurship, Skill development, Employability
Technology of Polymer Blends & Alloys	TPL 651	2021-2022	Entrepreneurship, Skill development, Employability
Biodegradable Polymers, Packaging and Waste Management	TPL 653	2021-2022	Entrepreneurship, Skill development, Employability
Polymer Nano Technology	TPL 655	2021-2022	Entrepreneurship, Skill development, Employability
Audit Course Critical Review of Research Publications on one Relevant Topic	TPL 611	2021-2022	Entrepreneurship, Skill development, Employability
Audit Course Research Methodology and IPR	TPL 613	2021-2022	Entrepreneurship, Skill development, Employability
Seminar	TPL 697	2021-2022	Entrepreneurship, Skill development, Employability
Dissertation/Project	TPL 695	2021-2022	Entrepreneurship, Skill development, Employability
Dissertation/ Project	TPL 698	2021-2022	Entrepreneurship, Skill development, Employability
Advanced Polymer Chemistry	TPL 551	2021-22	Entrepreneurship, Skill development, Employability
Advanced Polymer Processing	TPL 553	2021-22	Entrepreneurship, Skill development, Employability



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Advances in Modelling and Simulation of Chemical Processes	TPL 555	2021-22	Entrepreneurship, Skill development, Employability
Advanced Chemical Reaction Engineering	TPL 557	2021-22	Entrepreneurship, Skill development, Employability
Advanced Polymer Rheology	TPL 559	2021-22	Entrepreneurship, Skill development, Employability
High Polymer Chemistry	TPL 561	2021-22	Entrepreneurship, Skill development, Employability
Polymer Processing	TPL 563	2021-22	Entrepreneurship, Skill development, Employability
Industrial Stoichiometery	TPL 567	2021-22	Entrepreneurship, Skill development, Employability
Advanced Polymerization Engineering	TPL 552	2021-22	Entrepreneurship, Skill development, Employability
Advanced Plastic Product and Mould Design	TPL 554	2021-22	Entrepreneurship, Skill development, Employability
Polymer Testing and Characterization	TPL 556	2021-22	Entrepreneurship, Skill development, Employability
Advances in Polymer Composites	TPL 558	2021-22	Entrepreneurship, Skill development, Employability
Advances in Rubber Technology	TPL 560	2021-22	Entrepreneurship, Skill development, Employability
Audit Course Critical review of research publication on one relevant Topic	TPL 562	2021-22	Entrepreneurship, Skill development, Employability
Audit Course Research Methodology and IPR	TPL 564	2021-22	Entrepreneurship, Skill development, Employability
Technology of Polymer Blends & Alloys	TPL 651	2021-22	Entrepreneurship, Skill development, Employability
Biodegradable Polymers, Packaging and Waste Management	TPL 653	2021-22	Entrepreneurship, Skill development, Employability
Polymer Nano Technology	TPL 655	2021-22	Entrepreneurship, Skill development, Employability
Audit Course Critical Review of Research Publications on one Relevant Topic	TPL 611	2021-22	Entrepreneurship, Skill development, Employability
Audit Course Research Methodology and IPR	TPL 613	2021-22	Entrepreneurship, Skill development, Employability
Seminar	TPL 697	2021-22	Entrepreneurship, Skill development, Employability
Dissertation/Project	TPL 695	2021-22	Entrepreneurship, Skill development, Employability
Dissertation/ Project	TPL 698	2021-22	Entrepreneurship, Skill development, Employability
Introduction to Polymer Chemistry (ITPC)	NPL 201	2023-24	Entrepreneurship, Skill development, Employability



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Polymerization Engineering-I (PE-I)	NPL 203	2023-24	Entrepreneurship, Skill development, Employability
Polymer Chemistry LAB (PC LAB)	NPL 207	2023-24	Entrepreneurship, Skill development, Employability
Processing of Polymers -I(PP-I)	NPL 202	2023-24	Entrepreneurship, Skill development, Employability
PolymerizationEngineering-II (PE-II)	NPL 208	2023-24	Entrepreneurship, Skill development, Employability
Polymerization Engineering Lab (PE LAB)	NPL 210	2023-24	Entrepreneurship, Skill development, Employability
Advanced Polymer Chemistry	NPL 501	2023-24	Entrepreneurship, Skill development, Employability
Advanced Chemical Reaction Engineering	NCH 503	2023-24	Entrepreneurship, Skill development, Employability
Advanced Polymer Processing	NPL 505	2023-24	Entrepreneurship, Skill development, Employability
Artificial Intelligence in Chemical Engineering	NCH 507	2023-24	Entrepreneurship, Skill development, Employability
Advanced Polymer Composites	NPL 509	2023-24	Entrepreneurship, Skill development, Employability
Polymer Processing	NPL 513	2023-24	Entrepreneurship, Skill development, Employability
High Polymer Chemistry	NPL 515	2023-24	Entrepreneurship, Skill development, Employability
Polymer Rheology	NPL 517	2023-24	Entrepreneurship, Skill development, Employability
Polymer Additives and Compounding	NPL 519	2023-24	Entrepreneurship, Skill development, Employability
Instrumental Methods of Analysis	NCH 513	2023-24	Entrepreneurship, Skill development, Employability
Advanced Polymerization Engineering	NPL 502	2023-24	Entrepreneurship, Skill development, Employability
Advanced Plastic Product and Mould Design	NPL 504	2023-24	Entrepreneurship, Skill development, Employability
Polymer Testing and Characterization	NPL 506	2023-24	Entrepreneurship, Skill development, Employability
Statistical Design of Experiments	NCH 508	2023-24	Entrepreneurship, Skill development, Employability
Advanced Rubber Technology	NPL 510	2023-24	Entrepreneurship, Skill development, Employability
Structure–property relationship in Polymers **Polymers Ouiz 6	NPL 512	2023-24	Entrepreneurship, Skill development, Employability

^{*}Related Activities: Assignments, Quiz, Group discussions, Tutorials, laboratory classes, Projects, etc.



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Department of Civil Engineering

Name of Course	Course Code	Year of Introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development*
Building Material & Construction	ECE 251	2018-2019	Entrepreneurship, Skill development, Employability
Surveying-I	ECE-253	2018-2019	Entrepreneurship, Skill development, Employability
Engineering Geology	ECE-255	2018-2019	Entrepreneurship, Skill development, Employability
Engineering Fluid Mechanics	ECE 252	2018-2019	Entrepreneurship, Skill development, Employability
Structural Analysis-I	ECE-254	2018-2019	Entrepreneurship, Skill development, Employability
Design of Concrete Structure-I	ECE-256	2018-2019	Entrepreneurship, Skill development, Employability
Surveying-II	ECE-258	2018-2019	Entrepreneurship, Skill development, Employability
Hydraulics & Hydraulics Machine	ECE-301	2019-2020	Entrepreneurship, Skill development, Employability
Geotech. EnggI	ECE-303	2019-2020	Entrepreneurship, Skill development, Employability
Structural Analysis-II	ECE-305	2019-2020	Entrepreneurship, Skill development, Employability
Design of Concrete Structure-II	ECE-307	2019-2020	Entrepreneurship, Skill development, Employability
Transportation Engg-I.	ECE-309	2019-2020	Entrepreneurship, Skill development, Employability
Design of Steel Structure	ECE-302	2019-2020	Entrepreneurship, Skill development, Employability
Transportation Engineering -II	ECE-304	2019-2020	Entrepreneurship, Skill development, Employability
Engineering Hydrology	ECE-306	2019-2020	Entrepreneurship, Skill development, Employability
Environmental Engineering-	ECE-308	2019-2020	Entrepreneurship, Skill development, Employability
Geotech. Engineering-II	ECE-310	2019-2020	Entrepreneurship, Skill development, Employability
Irrigation & Hydraulic Design	ECE-312	2019-2020	Entrepreneurship, Skill development, Employability
Estimation Construction & Management	ECE-401	2020-2021	Entrepreneurship, Skill development, Employability



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Environmental Engineering- II	ECE-403	2020-2021	Entrepreneurship, Skill development, Employability
Transportation System and Planning	ECE-455 (PEC-I)	2020-2021	Entrepreneurship, Skill development, Employability
Soil Dynamics	ECE-457 (PEC-I)	2020-2021	Entrepreneurship, Skill development, Employability
Structural Dynamics	ECE-469 (PEC-II)	2020-2021	Entrepreneurship, Skill development, Employability
Pre-stressed Concrete	ECE-475	2020-2021	Entrepreneurship, Skill
Design	(PEC-II)		development, Employability
Advanced Concrete	ECE-460	2020-2021	Entrepreneurship, Skill
Technology	(PEC-III) ECE-456		development, Employability Entrepreneurship, Skill
Traffic Engineering	(PEC-III)	2020-2021	development, Employability
Planning and management	ECE-480		Entrepreneurship, Skill
of Building	(PEC-IV)	2020-2021	development, Employability
Construction and Contract	ECE-482		Entrepreneurship, Skill
Management	(PEC-IV)	2020-2021	development, Employability
	•	2010 2020	Entrepreneurship, Skill
Advanced RCC Design	ICE-701	2019-2020	development, Employability
Hydraulic Structures	ICE 703	2019-2020	Entrepreneurship, Skill
Hydraune Structures	ICE /03	2019-2020	development, Employability
Environmental Engineering	ICE-751	2019-2020	Entrepreneurship, Skill
- II Lab	ICL-731	2017-2020	development, Employability
ECM	ICE 801	2019-2020	Entrepreneurship, Skill development, Employability
Advanced Foundation Design	ICE- 805(PEC- II)	2019-2020	Entrepreneurship, Skill development, Employability
Environmental Pollution Control	ICE- 810 (PEC-III)	2019-2020	Entrepreneurship, Skill development, Employability
Soil Investigation and Ground Improvement	ICE-828 (PEC-IV)	2019-2020	Entrepreneurship, Skill development, Employability
Comprehensive	ICE-852	2019-2020	Entrepreneurship, Skill development, Employability
Hydrology and Irrigation Engineering	ICE-501	2018-2019	Entrepreneurship, Skill development, Employability
SA Lab	ICE-552	2018-2019	Entrepreneurship, Skill development, Employability
Concrete technology lab	ICE-553	2018-2019	Entrepreneurship, Skill development, Employability
Transportation Engg Lab	ICE-554	2018-2019	Entrepreneurship, Skill development, Employability
Geotechnical Engg Lab	ICE-555	2018-2019	Entrepreneurship, Skill



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		development, Employability
ICE-601	2018-2019	Entrepreneurship, Skill development, Employability
ICE-602	2018-2019	Entrepreneurship, Skill development, Employability
ICE-651	2018-2019	Entrepreneurship, Skill development, Employability
ICE-652	2018-2019	Entrepreneurship, Skill development, Employability
ICE-653	2018-2019	Entrepreneurship, Skill development, Employability
ICE-654	2018-2019	Entrepreneurship, Skill development, Employability
ICE-701	2018-2019	Entrepreneurship, Skill development, Employability
ICE-703	2018-2019	Entrepreneurship, Skill development, Employability
ICE-707	2018-2019	Entrepreneurship, Skill development, Employability
ICE-801	2018-2019	Entrepreneurship, Skill development, Employability
ICE- 815(PEC- IV)	2018-2019	Entrepreneurship, Skill development, Employability
ICE 351	2018-2019	Entrepreneurship, Skill development, Employability
ICE 352	2018-2019	Entrepreneurship, Skill development, Employability
ICE 354	2018-2019	Entrepreneurship, Skill development, Employability
ICE 353	2018-2019	Entrepreneurship, Skill development, Employability
ICE-401	2018-2019	Entrepreneurship, Skill development, Employability
ICE-451	2018-2019	Entrepreneurship, Skill development, Employability
ICE-453	2018-2019	Entrepreneurship, Skill development, Employability
ICE-454	2018-2019	Entrepreneurship, Skill development, Employability
ECE-551	2022-2023	Entrepreneurship, Skill development, Employability
ECE-553	2022-2023	Entrepreneurship, Skill development, Employability
	ICE-602 ICE-651 ICE-651 ICE-652 ICE-653 ICE-654 ICE-701 ICE-703 ICE-707 (PEC-I) ICE-801 ICE-801 ICE-815(PEC-IV) ICE 351 ICE 352 ICE 354 ICE 353 ICE-401 ICE-451 ICE-453 ICE-454 ECE-551	ICE-602 2018-2019 ICE-651 2018-2019 ICE-652 2018-2019 ICE-653 2018-2019 ICE-654 2018-2019 ICE-701 2018-2019 ICE-703 2018-2019 ICE-707 (PEC-I) 2018-2019 ICE-801 2018-2019 ICE-815(PEC-1V) 2018-2019 ICE 351 2018-2019 ICE 352 2018-2019 ICE 353 2018-2019 ICE 353 2018-2019 ICE-401 2018-2019 ICE-451 2018-2019 ICE-453 2018-2019 ICE-454 2018-2019 ICE-454 2018-2019 ICE-551 2022-2023



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Air Pollution and Control	ECE-555	2022-2023	Entrepreneurship, Skill development, Employability
Design of Wastewater Treatment	ECE-552	2022-2023	Entrepreneurship, Skill development, Employability
Probability and Statistics for Engineers	BMA-564	2022-2023	Entrepreneurship, Skill development, Employability
Solid and Hazardous Waste Management	ECE-554	2022-2023	Entrepreneurship, Skill development, Employability
Environmental System Analysis	ECE-651	2022-2023	Entrepreneurship, Skill development, Employability
Seminar/Minor project	ECE-671	2022-2023	Entrepreneurship, Skill development, Employability
Dissertation	ECE-697	2022-2023	Entrepreneurship, Skill development, Employability
Dissertation	ECE-698	2022-2023	Entrepreneurship, Skill development, Employability
Environmental Impact Assessment	ECE-559	2022-2023	Entrepreneurship, Skill development, Employability
Surface Water Quality modeling and Control	ECE-561	2022-2023	Entrepreneurship, Skill development, Employability
Toxicology and Environmental Risk Assessment	ECE-563	2022-2023	Entrepreneurship, Skill development, Employability
Environmental economics, legislation and social impact	ECE-565	2022-2023	Entrepreneurship, Skill development, Employability
Physico-Chemical Processes in Water and Wastewater	ECE-567	2022-2023	Entrepreneurship, Skill development, Employability
Ground water flow and pollution modeling	ECE-560	2022-2023	Entrepreneurship, Skill development, Employability
Advanced water and wastewater technologies	ECE-562	2022-2023	Entrepreneurship, Skill development, Employability
Principles of Cleaner Production	ECE-564	2022-2023	Entrepreneurship, Skill development, Employability
Industrial Waste Management and environmental Audit	ECE-566	2022-2023	Entrepreneurship, Skill development, Employability
Occupational Health and Safety	ECE-568	2022-2023	Entrepreneurship, Skill development, Employability
Remote Sensing and GIS for Environmental Applications	ECE-653	2022-2023	Entrepreneurship, Skill development, Employability
Environmental Hydraulics	ECE-655	2022-2023	Entrepreneurship, Skill development, Employability
Application of soft computing techniques	ECE-657	2022-2023	Entrepreneurship, Skill development, Employability



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Transport of Water and Wastewater	ECE-659	2022-2023	Entrepreneurship, Skill development, Employability
Water Resources Management	ECE-661	2022-2023	Entrepreneurship, Skill development, Employability

^{*}Related Activities: Assignments, Quiz, Group discussions, Tutorials, laboratory classes, Projects, etc.

Department of Food Technology

Name of Course	Course Code	Year of Introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development*
Introduction to Food Technology	TFT 255	2021-2022	Entrepreneurship, Skill development, Employability
Analysis of Food Constituents Lab	TFT 257	2021-2022	Entrepreneurship, Skill development, Employability
Food Microbiology	TFT 256	2021-2022	Entrepreneurship, Skill development, Employability
Food Biochemistry	TFT 355	2021-2022	Entrepreneurship, Skill development, Employability
Food Chemistry	TFT 357	2021-2022	Entrepreneurship, Skill development, Employability
Technology of Animal & Milk Products	TFT 359	2021-2022	Entrepreneurship, Skill development, Employability
Principle of Food Preservation	TFT 354	2021-2022	Entrepreneurship, Skill development, Employability
Technology of Cereals, Pulses and Oilseeds	TFT 356	2021-2022	Entrepreneurship, Skill development, Employability
Fruits, Vegetable and Plantation Products	TFT 358	2021-2022	Entrepreneurship, Skill development, Employability
Fermented Foods & Beverage Technology	TFT 360	2021-2022	Entrepreneurship, Skill development, Employability
Food Processing Lab	TFT 362	2021-2022	Entrepreneurship, Skill development, Employability
Food Safety and Quality Control	TFT 401	2021-2022	Entrepreneurship, Skill development, Employability
Traditional & Fermented Foods	TFT 403 (PEC-I)	2021-2022	Entrepreneurship, Skill development, Employability
Food Processing Waste Management	TFT 407 (PEC-II)	2021-2022	Entrepreneurship, Skill development, Employability
Technology of Milk &Milk Products	TFT 411 (PEC-III)	2021-2022	Entrepreneurship, Skill development, Employability

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Natural & Processed Food Process Modeling& TCH 422 Received Process Modeling& TFT 402 Received Processing Received	Nutritional aspects of		2021 2022	Entrepreneurship, Skill
Process Modeling& TCH 422 Simulation CPEC-IV		TFT 415	2021-2022	
Simulation (PEC-IV) 2021-2022 development, Employability Innovative Techniques in Frod Processing (PEC-V) 2021-2022 development, Employability Food Packaging & Storage (PEC-VI) 2021-2022 development, Employability Frod Packaging & Storage (PEC-VI) 2021-2022 development, Employability Technology of Cereals Pulses and Oilseeds TFT 304 Plantation Products Fruits Vegetable and Plantation Products (PEC-III) Nutritional aspects of Natural & Processed Foods Processed Foods Products (PEC-III) Products (PEC-III) (PEC-III) Products (PEC-III) Product		TCH 422		
Innovative Techniques in Food Processing	_		2021-2022	
Food Processing (PEC-V) 2021-2022 development, Employability Food Packaging & Storage (PEC-VI) (PEC-VI) 2021-2022 Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability development, Employability development, Employability Entrepreneurship, Skill developme		· · · · · · · · · · · · · · · · · · ·		
Food Packaging & Storage Engineering TFT 406 (PEC-VI) Technology of Cereals Pulses and Oilseeds Fruits Vegetable and Plantation Products Technology of Milk & Milk Products Nutritional aspects of Natural & Processed Foods Fruits, Vegetables and Plantation Products TFT 415 Food Packaging and Storage Engineering Rheological and Sensory Analysis of Foods Nutritional Aspects of Natural and processed Foods Food Quality Evaluation Lab TET-701 Technology of Animal Foods Milk products and fermented foods Lab Frood Chemistry Lab Frood Biochemistry Lab Frood Preservation and Frood Preservation and Fresor Technology of Cereals, Pulses & Oilseeds TFT 406 (PEC-VII) 2020-2021 Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurs	1		2021-2022	1 * * 1
Engineering Technology of Cereals Pulses and Oilseeds Fruits Vegetable and Plantation Products TFT 306 Truits, Vegetables and Plantation Products TFT 411 Products TFT 415 Technology of Milk & Milk Products TFT 415 Truits, Vegetables and Plantation Products TFT 415 Technology of Milk & Milk Products TFT 415 Truits, Vegetables and Plantation Products TFT 415 Technology of Milk & Milk Products TFT 415 Truits, Vegetables and Plantation Products TFT 415 Technology of Milk & Milk Products TFT 415 Technology of Milk & Milk Products TFT 415 Truits, Vegetables and Plantation Products TFT 415 Technology of Animal TFT-702 Technology of Animal Foods TFT 415 Technology of Animal Foods Lab TFT-801 Technology of Cereals, Pulses & Oilseeds TFT 602 Technology of Cereals, Pulses & Oilseeds TFT 304 Technology of Milk & Milk TFT 411 Technology of Milk & Milk TFT 411 Technology of Milk & Milk TFT 411 (PEC-III) 2020-2021 Tentrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entreprene				
Technology of Cereals Pulses and Oilseeds Fruits Vegetable and Plantation Products Technology of Milk & Milk Products Technology of Milk & Milk Products Technology of Milk & Milk Products TFT 306 Technology of Milk & Milk Products TFT 411 Products Nutritional aspects of Natural & Processed Foods Pruits, Vegetables and Plantation Products IFT-702 IFT-703 IFT-704 IFT-705 Nutritional Aspects of Natural and processed Foods Nutritional Aspects of natural and processed Foods Nutritional Aspects of natural and processed Foods IFT-OE Technology of Animal Food Quality Evaluation Lab IFT-801 Technology of Animal Foods Lab Food Chemistry Lab IFT-551 Principles of Food preservation IFT-601 Technology of Cereals, Pulses & Oilseeds IFT-602 IFT-602 IFT-602 Entrepreneurship, Skill development, Employability Entrepreneurship			2021-2022	
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Plantation Products TET 306 Technology of Milk & Milk Products Products TET 411 Products Products Products Products Products Products Products Pruits, Vegetables and Plantation Products Prod Packaging and Storage Engineering Rheological and Sensory Analysis of Foods Nutritional Aspects of Nutritio		11 1 50 1		
Technology of Milk & Milk Products Nutritional aspects of Natural & Processed Foods Fruits, Vegetables and Plantation Products Food Packaging and Storage Engineering Rheological and Sensory Analysis of Foods Nutritional Aspects of natural and processed Foods Food Quality Evaluation Lab Technology of Animal Foods Milk products and fermented foods Lab Food Chemistry Lab Technology of Cereals, Pulses & Oilseeds Food Preservation and Technology of Cereals, Pulses & Oilseeds Technology of Poods Technology of Cerears, Pood Preservation and Technology of Poods Technology of Cereals, Poods Technology of Poods Technology of Cereals, Pood Preservation and Technology of Poods Technology of Poods Technology of Cereals, Pood Preservation and Technology of Poods Technology of Poods Technology of Cereals, Pood Preservation and Technology of Poods Technology of Poods Technology of Cereals, Pood Preservation and Technology of Poods Technology of Poods Technology of Cereals, Pood Preservation and Technology of Poods Technology of Poods Technology of Cereals, Pood Preservation and Technology of Poods Technology of Cereals, Pood Preservation and Technology of Poods Technology of Poods Technology of Poods Technology of Cereals, Pood Preservation and Technology of Cereals, Pood Preservation and Technology of Cereals, Pood Preservation and Technology of Pood Preservation and Technology of Cereals, Pood Preservation and Technology of Cereals, Pood Preservation and Technology of Cereals, Pood Preservation and Processed Foods Preservation Proc		TET 306	2020-2021	1 -
Products Products				
Nutritional aspects of Natural & Processed Foods Fruits, Vegetables and Plantation Products Frod Packaging and Storage Engineering Rheological and Sensory Analysis of Foods Specialty Foods Nutritional Aspects of Nutritional Aspects of Nutritional Appects of Nutritional Appec			2020-2021	1 * .
Natural & Processed Foods Fruits, Vegetables and Plantation Products Frood Packaging and Storage Engineering Rheological and Sensory Analysis of Foods Specialty Foods Nutritional Aspects of natural and processed Foods Food Quality Evaluation Lab Food Quality Evaluation Lab Food Chemistry Lab Food Biochemistry Lab Principles of Food Principles of Food Principles of Food Products Frood Preservation Frood Preservation Fruits, Vegetables and Plantation Products IFT-702 2019-2020 Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development		(I EC-III)		
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Plantation Products Food Packaging and Storage Engineering Rheological and Sensory Analysis of Foods Specialty Foods Nutritional Aspects of natural and processed Foods Food Quality Evaluation Lab Technology of Animal Foods Milk products and fermented foods Lab Food Chemistry Lab Food Biochemistry Lab Food Biochemistry Lab Food Packaging and Storage Elective-I IFT-705 IFT-705 Entrepreneurship, Skill development, Employability Ent		171 413		
Food Packaging and Storage Engineering Rheological and Sensory Analysis of Foods Nutritional Aspects of natural and processed Foods Technology of Animal Foods Milk products and fermented foods Lab Food Chemistry Lab Food Biochemistry Lab Principles of Food preservation Food Packaging and Storage Engineering Rheological and Elective-I IFT-703 IFT- 704 IFT-705 2019-2020 Entrepreneurship, Skill development, Employability		IET 702	2019-2020	
Engineering Rheological and Sensory Analysis of Foods Specialty Foods Nutritional Aspects of natural and processed Foods Food Quality Evaluation Lab Technology of Animal Foods Lab Food Chemistry Lab Food Biochemistry Lab Frond Biochemistry Lab Frond Principles of Food preservation Technology of Cereals, Pulses & Oilseeds Food Preservation Entrepreneurship, Skill development, Employability Entrepreneurship, Skill develop		IF 1 - /02		development, Employability
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Sensory Analysis of Foods Specialty Foods Nutritional Aspects of natural and processed Foods Food Quality Evaluation Lab Technology of Animal Foods Food Chemistry Lab Food Biochemistry Lab Frond Biochemistry Lab Frond Biochemistry Lab Frond Biochemistry Lab Frond Preservation Food Preservation Food Preservation Food Preservation Food Preservation Food Sinterprocessed Foods IFT-751 Food Quality Evaluation Lab IFT-801 Food Preservation Lab IFT-801 Food Quality Evaluation Lab IFT-801 Food Preservation Skill development, Employability Entrepreneurship, Ski			2019-2020	
Nutritional Aspects of natural and processed Foods Food Quality Evaluation Lab Food Quality Evaluation Lab IFT-751 Technology of Animal Foods Milk products and fermented foods Lab Food Chemistry Lab Food Biochemistry Lab Principles of Food preservation Technology of Cereals, Pulses & Oilseeds Food Preservation IFT-602 Entrepreneurship, Skill development, Employability	1			development, Employability
rechnology of Animal Foods Food Quality Evaluation Lab Technology of Animal Foods Milk products and fermented foods Lab Food Chemistry Lab Food Biochemistry Lab Principles of Food preservation Technology of Cereals, Pulses & Oilseeds Food Preservation and Food Quality Evaluation Lab IFT-OE IFT-OE 2019-2020 IFT-801 2019-2020 Entrepreneurship, Skill development, Employability Entrepreneurship, Skill	1 1	704 IFT-705		
Food Quality Evaluation Lab Food Quality Evaluation Lab IFT-751 Technology of Animal Foods Milk products and fermented foods Lab Food Chemistry Lab Food Biochemistry Lab Principles of Food preservation Technology of Cereals, Pulses & Oilseeds Food Preservation and Food Quality Evaluation Lab IFT-601 IFT-751 IFT-751 IFT-801 2019-2020 Entrepreneurship, Skill development, Employability			2019-2020	
Technology of Animal Foods IFT-801 IFT-801 Technology of Animal Foods IFT-801 I	natural and processed Foods	IFT-OE	2019 2020	
Technology of Animal Foods IFT-801 Technology of Animal Foods Milk products and fermented foods Lab Food Chemistry Lab Food Biochemistry Lab Principles of Food preservation Technology of Cereals, Pulses & Oilseeds Food Preservation and IFT-601 IFT-601 Technology of Animal IFT-801 2019-2020 Entrepreneurship, Skill development, Employability	Food Quality Evaluation Lab		2019-2020	
Foods IFT-801 2019-2020 development, Employability Milk products and fermented foods Lab IFT-851 2019-2020 Entrepreneurship, Skill development, Employability Food Chemistry Lab IFT-551 2018-2019 Entrepreneurship, Skill development, Employability Food Biochemistry Lab IFT-552 2018-2019 Entrepreneurship, Skill development, Employability Principles of Food preservation IFT-601 2018-2019 Entrepreneurship, Skill development, Employability Food Preservation and IFT-602 Entrepreneurship, Skill development, Employability	•	IFT-751	2019 2020	
Milk products and fermented foods Lab Food Chemistry Lab Food Biochemistry Lab Principles of Food preservation Technology of Cereals, Pulses & Oilseeds Food Preservation and IFT-801 2019-2020 Entrepreneurship, Skill development, Employability			2019-2020	
foods Lab IFT-851 Z019-Z020 development, Employability Food Chemistry Lab IFT-551 Z018-Z019 Entrepreneurship, Skill development, Employability Food Biochemistry Lab IFT-552 Z018-Z019 Entrepreneurship, Skill development, Employability Principles of Food preservation IFT-601 Z018-Z019 Entrepreneurship, Skill development, Employability Technology of Cereals, Pulses & Oilseeds IFT-602 Z018-Z019 Entrepreneurship, Skill development, Employability Food Preservation and Z018-Z019 Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability	Foods	IFT-801	2017-2020	
Food Chemistry Lab Food Biochemistry Lab Principles of Food preservation Technology of Cereals, Pulses & Oilseeds Food Chemistry Lab IFT-551 IFT-551 2018-2019 2018-2019 Entrepreneurship, Skill development, Employability	Milk products and fermented		2010 2020	Entrepreneurship, Skill
Food Biochemistry Lab Food Biochemistry Lab Principles of Food preservation Technology of Cereals, Pulses & Oilseeds Food Preservation and IFT-551 2018-2019 2018-2019 Entrepreneurship, Skill development, Employability	foods Lab	IFT-851	2019-2020	
Food Biochemistry Lab Principles of Food preservation Technology of Cereals, Pulses & Oilseeds Food Preservation and IFT-551 2018-2019 Entrepreneurship, Skill development, Employability	Food Chamistry Lah		2018 2010	Entrepreneurship, Skill
Principles of Food preservation Technology of Cereals, Pulses & Oilseeds Food Preservation IFT-552 IFT-552 2018-2019 2018-2019 development, Employability development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill	rood Chemistry Lab	IFT-551	2010-2019	development, Employability
Principles of Food preservation Technology of Cereals, Pulses & Oilseeds Food Preservation and IFT-552 Development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill development, Employability Entrepreneurship, Skill Entrepreneurship, Skill	Earl Diaghamistury Lah		2019 2010	Entrepreneurship, Skill
preservation IFT-601 development, Employability Technology of Cereals, Pulses & Oilseeds IFT-602 Technology of Cereals, Pulses & Oilsee	Food Biochemistry Lab	IFT-552	2018-2019	development, Employability
preservation IFT-601 development, Employability Technology of Cereals, Pulses & Oilseeds IFT-602 Technology of Cereals, Pulses & Oilsee	Principles of Food		2010 2010	Entrepreneurship, Skill
Technology of Cereals, Pulses & Oilseeds Food Preservation and IFT-602 Pulses & Oilseeds IFT-602 Entrepreneurship, Skill development, Employability Entrepreneurship, Skill	preservation	IFT-601	2018-2019	
Pulses & Oilseeds IFT-602 development, Employability Food Preservation and 2018-2019 Entrepreneurship, Skill	Technology of Cereals,		2010 2010	
Food Preservation and 2018-2019 Entrepreneurship, Skill		IFT-602	2018-2019	1 -
			2010 2010	
		IFT-651	2018-2019	
Food Packaging and Storage Entrepreneurship Skill			2010 2010	
Engineering IFT-703 2018-2019 development, Employability		IFT-703	2018-2019	A .



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Basic Microbiology & Food Analysis Lab.	IFT-351	2018-2019	Entrepreneurship, Skill development, Employability
Chemical Engineering	11-1-331		Entrepreneurship, Skill
Operation Lab.	ICH-453	2018-2019	development, Employability
Operation Lao.	1011-455		Entrepreneurship, Skill
Food Microbiology Lab.	IFT-451	2018-2019	development, Employability
Basic Concepts of Food	11.1-431		Entrepreneurship, Skill
Processing and Preservation	TFT-491	2021-22	development, Employability
Unit operation in Food	11.1-491		Entrepreneurship, Skill
Processing	TFT-456	2021-22	development, Employability
Advanced Mathematical	111-430		development, Employaomty
Methods in Chemical		2022-2023	Entrepreneurship, Skill
	NCT- 551	2022-2023	development, Employability
EngineeringA Advances in Food	NC1- 331		Entropyon ovychin Clrill
	NFT-501	2022-2023	Entrepreneurship, Skill
Technology-I ABC	NF 1-301		development, Employability
Engineering Properties of Foods ABC	NET 502	2022-2023	Entrepreneurship, Skill development, Employability
	NFT-503		Entrepreneurship, Skill
Microbiology and Chemistry	NET 505	2022-2023	1 1
of Foods BC	NFT-505		development, Employability
Postharvest/Pre processing	NET 507	2022-2023	Entrepreneurship, Skill
Quantified Operations A	NFT-507		development, Employability
Food Industry Waste	NIET 500	2022-2023	Entrepreneurship, Skill
Management A	NFT 509		development, Employability
Processing & Preservation of	NET (11	2022-2023	Entrepreneurship, Skill
Foods BC	NFT 511		development, Employability
*Engineering Mathematics	ND 54 501	2022-2023	Entrepreneurship, Skill
BC	NMA 501		development, Employability
Advances in Food		2022-2023	Entrepreneurship, Skill
Technology-II	NFT 502		development, Employability
Food Process Engineering		2022-2023	Entrepreneurship, Skill
	NFT 504		development, Employability
Food Safety & Quality		2022-2023	Entrepreneurship, Skill
Assurance	NFT 506	2022 2023	development, Employability
Nutraceutical & Functional		2022-2023	Entrepreneurship, Skill
Foods	NFT 508	2022 2023	development, Employability
Cryogenic Systems in food		2022-2023	Entrepreneurship, Skill
processing	NFT 510	2022 2023	development, Employability
Advances in Food Packaging		2022-2023	Entrepreneurship, Skill
Technologies	NFT 512	2022-2023	development, Employability
Frozen Food & Cold Chain		2022-2023	Entrepreneurship, Skill
Management	NFT 601	2022-2023	development, Employability
Novel Techniques in Food		2022-2023	Entrepreneurship, Skill
Processing & Preservation	NFT 603	2022 2023	development, Employability



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Computer Applications in Food Processing	NFT 605	2022-2023	Entrepreneurship, Skill development, Employability	
Rheological Properties and Microstructure of Foods	NFT 607	2022-2023	Entrepreneurship, Skill	
Advances in Food	NFT 609	2022-2023	development, Employability Entrepreneurship, Skill	
Processing and Preservation Seminar		2022-2023	development, Employability Entrepreneurship, Skill	
Dissertation-I	NFT 611 NFT 613	2022-2023	development, Employability Entrepreneurship, Skill development, Employability	
Dissertation / Project	NFT602	2022-2023	Entrepreneurship, Skill development, Employability	
Advance mathematical methods in Chemical Engineering	TCT-551	2021-22	Entrepreneurship, Skill development, Employability	
Cryogenic system in Food Processing	TFT 560	2021-22	Entrepreneurship, Skill development, Employability	
Advances in Food Technology-I	NFT-501	2023-2024	Employability, Entrepreneurship, Skill development	
Engineering Properties of Foods	NFT-503	2023-2024	Employability, Entrepreneurship, Skill development	
Microbiology and Chemistry of Foods	NFT-505	2023-2024	Employability, Entrepreneurship, Skill development	
Postharvest/Pre processing Quantified Operations	NFT-507	2023-2024	Employability, Entrepreneurship, Skill development	
Food Industry Waste Management	NFT-509	2023-2024	Employability, Entrepreneurship, Skill development	
Processing & Preservation of Foods	NFT-511	2023-2024	Employability, Entrepreneurship, Skill development	
Advances in Food Technology-II	NFT-502	2023-2024	Employability, Entrepreneurship, Skill development	
Food Process Engineering	NFT-504	2023-2024	Employability, Entrepreneurship, Skill development	



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Food Safety & Quality Assurance	NFT-506	2023-2024	Employability, Entrepreneurship, Skill development
Nutraceutical & Functional Foods	NFT-508	2023-2024	Employability, Entrepreneurship, Skill development
Cryogenic Systems in food processing	NFT-510	2023-2024	Employability, Entrepreneurship, Skill development
Advances in Food Packaging Technologies	NFT-512	2023-2024	Employability, Entrepreneurship, Skill development
Fundamentals of Food Science and Human Nutrition	NFT-201	2023-2024	Employability, Entrepreneurship, Skill development
Microbiology and Biochemistry of Food	NFT-203	2023-2024	Employability, Entrepreneurship, Skill development
Food Analysis Lab	NFT 205	2023-2024	Employability, Entrepreneurship, Skill development
Food Chemistry	NFT-202	2023-2024	Employability, Entrepreneurship, Skill development
Principles of Food Preservation	NFT-204	2023-2024	Employability, Entrepreneurship, Skill development
Food Chemistry Lab	NFT-206	2023-2024	Employability, Entrepreneurship, Skill development

^{*}Related Activities: Assignments, Quiz, Group discussions, Tutorials, laboratory classes, Projects, etc.

Department of Biochemical Engineering

Microbiology	TBE 201	2019- 2020	Employability
Biochemistry	TBE-202	2019- 2020	Employability
Molecular Biology & Genetic Engineering	TBE 355	2019- 2020	Employability
Bioprocess Engineering	TBE 357	2019- 2020	Employability
Bioinformatics	TBE 359	2019-	



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		2020	
Down Stream Processing	TBE 354	2019- 2020	Employability
Fermentation Technology	TBE 356	2019- 2020	- Employability
Environmental Biotechnology	TBE 358	2019- 2020	Employaemty
Bioreaction Engineering	TBE 360	2019- 2020	Skill development
Enzyme Engineering & Technology	TBE 401	2018- 2020	Employability
Bioreactor Design	TBE 403 (PEC-I)	2018- 2019	Employability
Bioprocess Modelling and Simulation	TBE 405 (PEC-I)	2018- 2019	Employability
Plant Cell Biotechnology	TBE 407 (PEC-II)	2018- 2019	Employability
Bioreaction Engineering	TBE 409 (PEC-II)	2018- 2019	Emmloyakility
Novel Bioproducts	TBE 411 (PEC-III)	2018- 2019	Employability
Food Biotechnology	TBE 413 (PEC-III)	2018- 2019	Employability, Entrepreneurship
Principal of Biochemical Engineering	OBE 433	2018- 2019	Entrepreneurship, Skill development
Process Equipment Design	TCH 424 (PEC-IV)	2018- 2019	Employability
IPR & Biosafety Regulation	TBE 402 (PEC-V)	2018- 2019	Employability
Instrumentation And Control Bioprocesses	TBE 404 (PEC-V)	2018- 2019	Employability
Bioprocess Equipment Design	TBE 406 (PEC-VI)	2018- 2019	Employability
Biomaterial Science & Engineering	TBE 408 (PEC-VI)	2018- 2019	Employability
Bioprocess Equipment Design	TBE 406 (PEC-VI)	2018- 2019	Skill development
IPR & Biosafety Regulation	TBE 402 (PEC-V)	2018- 2019	Entrepreneurship
Microbiology Lab	TBE 257	2021-22	Entrepreneurship
Bioinformatics	TBE 359	2021-22	Employability
Bioreaction Engineering	TBE 360	2021-22	Employability
Fermentation Technology	TBE 362	2021-22	Employability



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Lab			
Advance Bioreactor Design	NBE-501	2022- 2023	Employability
Structural Molecular Biology	NBE-503	2022- 2023	Employability
Advances in Environmental Biotechnology	NBE-505	2022- 2023	Entrepreneurship
Analytical Methods in Bioprocesses	NBE-509	2022- 2023	Employability, Entrepreneurship
Design of Fermenters	NBE-511	2022- 2023	Employability
Advanced Molecular Biology	NBE-513	2022- 2023	Employability
Plant Cell Culture Techniques	NBE-515	2022- 2023	Employability
Advanced Industrial Enzymes	NBE-502	2022- 2023	Entrepreneurship
Bioenergy	NBE-504	2022- 2023	Entrepreneurship
Bioprocess Technology	NBE-506	2022- 2023	Entrepreneurship
Advance Protein Engineering	NBE-508	2022- 2023	Entrepreneurship
Bioprocess Plant Design	NBE-510	2022- 2023	Entrepreneurship
Advanced Bioseparation Processes	NBE-601	2022- 2023	Entrepreneurship
Bioenterpreneurship and Regulatory Issues	NBE-603	2022- 2023	Entrepreneurship
Nanobiotechnology	NBE-605	2022- 2023	Entrepreneurship
Fermentation Technology	OBE-601	2022- 2023	Entrepreneurship
Seminar	NBE-607	2022- 2023	Entrepreneurship
*Dissertation	NBE-609	2022- 2023	Entrepreneurship
Dissertation	NBE-602	2022- 2023	Entrepreneurship
Advanced Bioprocesses	TBE 555	2021-22	Entrepreneurship
Biological Waste Treatment	TBE 556	2021-22	Entrepreneurship
Fundamental of Life Processes	NBE-201	2023- 2024	Employability, Entrepreneurship, Skill development



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Industrial Microbiology	NBE-203	2023- 2024	Employability, Entrepreneurship, Skill development
Microbial Techniques Lab	NBE-207	2023- 2024	Employability, Entrepreneurship, Skill development
Biochemistry	NBE-202	2023- 2024	Employability, Entrepreneurship, Skill development
Environmental Biotechnology	NBE-204	2023- 2024	Employability, Entrepreneurship, Skill development
Biochemical Analysis Lab	NBE-206	2023- 2024	Employability, Entrepreneurship, Skill development
Advanced Bioreactor Design	NBE-501	2023- 2024	Employability, Entrepreneurship, Skill development
Structural Molecular Biology	NBE-503	2023- 2024	Employability, Entrepreneurship, Skill development
Advances in Environmental Biotechnology	NBE-505	2023- 2024	Employability, Entrepreneurship, Skill development
Analytical Methods in Bioprocesses	NBE-509	2023- 2024	Employability, Entrepreneurship, Skill development
Design of Fermenters	NBE-511	2023- 2024	Employability, Entrepreneurship, Skill development
Advanced Molecular Biology	NBE-513	2023- 2024	Employability, Entrepreneurship, Skill development
Plant Cell Culture Techniques	NBE-515	2023- 2024	Employability, Entrepreneurship, Skill development
Advanced Industrial Enzymes	NBE-502	2023- 2024	Employability, Entrepreneurship, Skill development
Bioenergy	NBE-504	2023- 2024	Employability, Entrepreneurship, Skill development
Bioprocess Technology	NBE-506	2023- 2024	Employability, Entrepreneurship, Skill



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			development
Advance Protein Engineering	NBE-508	2023- 2024	Employability, Entrepreneurship, Skill development
Bioprocess Plant Design	NBE-510	2023- 2024	Employability, Entrepreneurship, Skill development